DESCRIPTIONS OF FIELDS OF THE SOLAR MAPPING DATA

Field	Description
AIN	Assessor ID Number
Bld_total	Total building area (square feet)
Area_opt	Optimal Area for Solar (square feet) The threshold for optimal area is > 1,150,000 wH/m2 per year raw insolation. This equates to 3.15 kW per day per square meter
Sys_size	System Size (kW). This takes the square feet of the Optimal Area and uses a SunPower 225 panel (18.1% efficient), which is 3'x5' (15 square feet). The calculation is Optimal Area divided by 15 (number of panels) multiplied by .225 (kW per panel).
Output	Totalal yearly output (kWh) Output is System Size multiplied by 1,490. 1,490 is the number that utilities agreed was a conservative estimate of power output from a 1 kW system over a year, including power losses due to soiling, transmission from the panel to the inverter, and inverter efficiencies. This is designed to be a bit conservative.
Savings	The Total output multiplied by the cost of electricity.
City	Legal City where the parcel is located
Utility	Utility serving the parcel (based upon the city)
Reb_comm	Commercial Rebate
Reb_res	Residential Rebate
Cost_elec	Cost of electricity, generally taken from the middle tier of the utility's residential rate structure.
APN and other fields.	From the Assessor Local Roll